

CATALOGUE
OF THE

OF THE

CF

NORTH CAROLINA

AT

CHAPEL HILL,

1879-'80.

RALEIGH:

EDWARDS, BROUGHTON & CO., PRINTERS AND BINDERS.

1880.

CALENDAR FOR 1879-'80.

1879.		
Aug.	28	BEGINNING OF THE COLLEGIATE YEAR.
Aug.	28, 29, 30	Entrance Examinations.
Oct.	12	ANNIVERSARY OF THE FOUNDATION OF THE UNIVERSITY.
Nov.	27	THANKSGIVING.
Dec.	19	CHRISTMAS VACATION of one week begins.
1880.		
Feb.	22	WASHINGTON'S BIRTHDAY.
March	15	CLASS DAY.
May	17	Final Examinations begin.
June	1	Annual Meetings of the Dialectic and Philanthropic Societies.
June	1	Address before the Y. M. C. A., by the Rev. Frank C. Woodward, of Elizabeth City, N. C.
June	2	Address before the Societies, by Hon. A. S. Merrimon, LL. D.
June	2	Baccalaureate Sermon, by Rev. H. H. Tucker, D. D., of Atlanta, Ga.
June	2	Meeting of the NORTH CAROLINA HISTORICAL SOCIETY.
June	3	COMMENCEMENT: Announcement of Degrees.

CALENDAR FOR 1880-'81.

1880.		
Aug.	26	BEGINNING OF THE COLLEGIATE YEAR.
Aug.	26, 27, 28	Entrance Examinations.
1881.		
June	2	COMMENCEMENT.

BOARD OF TRUSTEES.

HIS EXCELLENCY, THOMAS J. JARVIS,

Governor and President ex-officio.

HON. WM. L. SAUNDERS, *Secretary.*

TERM EXPIRES NOV. 30, 1881.

Hon. JOSEPH J. DAVIS.....	Franklin.
Rev. BENJAMIN S. HARDY.....	Greene.
Prof. J. DEBERNIERE HOOPER.....	Orange.
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TERM EXPIRES NOV. 30, 1883.

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*Deceased.

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Rev. CALVIN H. WILEY,.....	Forsyth.
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TERM EXPIRES NOV. 30, 1885.

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RICHARD H. BATTLE, Jr., Esq.,	Wake.
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REUBEN MCBRAYER, Esq.,.....	Cleveland.
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Hon. CHARLES PRICE,.....	Davie.
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TERM EXPIRES NOV. 30, 1887.

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Hon. GEO. DAVIS,.....	New Hanover.
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Hon. W. T. FAIRCLOTH,.....	Wayne.
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Hon. JOHN A. GILMER,.....	Guilford.
Maj. JOHN W. GRAHAM,.....	Orange.
F. M. JOHNSTON, Esq.,	Davie.
Hon. JAMES M. LEACH,.....	Davidson.
Hon. JOHN MANNING,.....	Chatham.
D. P. MCEACHERN, Esq.,.....	Robeson.
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Hon. JAMES L. ROBINSON,	Macon.
W. J. YATES, Esq.,.....	Mecklenburg.

ADDITIONAL TRUSTEES.

TERM EXPIRES Nov. 30, 1881.

JOHN D. CAMERON, Esq.,	Orange.
HON. GEORGE V. STRONG,	Wake.

TERM EXPIRES Nov. 30, 1883.

Gen. BRYAN GRIMES,	Beaufort.
Hon. WILLIAM L. SAUNDERS,	Wake.

TERM EXPIRES Nov. 30, 1885.

A. M. LEWIS, Esq.,	Wake.
THOMAS SPARROW, Esq.,	Beaufort.

TERM EXPIRES Nov. 30, 1887.

Rev. DANIEL A. LONG,	Alamance.
GEORGE WILLIAMSON, Esq.,	Caswell.

NOTE.—It is required by law that these additional Trustees shall be “from points conveniently accessible to the seats of government and of the University.”

EXECUTIVE COMMITTEE.

HIS EXCELLENCY, THOMAS J. JARVIS, *Chairman ex-officio.*

HON. PAUL C. CAMERON.

RICHARD H. BATTLE, JR., Esq.

JULIAN S. CARR, Esq.

EUGENE GRISSOM, M. D., LL. D.

A. M. LEWIS, Esq.

HON. WILLIAM L. SAUNDERS.

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FACULTY, AND OTHER UNIVERSITY OFFICERS.

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Professor of Political Economy, Constitutional and International Law.

REV. CHARLES PHILLIPS, D. D., LL. D.,
Professor Emeritus of Mathematics.

J. DEBERNIERE HOOPER, A. M.,
Professor of Greek and French.

REV. ADOLPHUS W. MANGUM, A. M.,
Professor of Moral Philosophy, History and English Literature.

ALEXANDER FLETCHER REDD,
Professor of General and Analytical Chemistry.

GEORGE TAYLOE WINSTON,
Professor of Latin and German.

RALPH HENRY GRAVES, B. SC., C. AND M. E.,
Professor of Mathematics and Engineering.

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Professor of Geology, Zoology and Botany.

CAREY D. GRANDY,
Professor of Natural Philosophy.

*.....
Professor of Law.

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Professor of Anatomy and Materia Medica.

W. C. KERR, A. M., Ph. D.,
State Geologist and Lecturer on the Geology of North Carolina.

ALBERT R. LEDOUX, A. M., Ph. D., (GÖTTINGEN),
*Chemist to the State Board of Agriculture, and Director of Agricultural
 Experiment and Fertilizer Control Station.*

*President Battle has temporary charge of the Law Class. The Professorship will be filled before the next session begins.

WILLIAM ARCHIBALD BETTS,
Instructor in Vocal Music.

ALBERT LUCIEN COBLE,
Instructor in Latin.

LOCKE CRAIG,
Assistant in the Chemical Laboratory.

ROBERT PAINE PELL,
Instructor in English.

PROF. MANGUM,
Librarian.

DR. SIMONDS,
Secretary.

A. MICKLE, Esq.,
Bursar.

CATALOGUE OF STUDENTS,

1879-'80.

POST-GRADUATE STUDENT.

BATTLE, KEMP PLUMMER, JR., Med., Ge.,.....Chapel Hill.
A. B., (Univ. N. C.), 1879.

FOURTH YEAR STUDENTS (SENIORS.)

(The letters Cl., Ph., and Sc., denote respectively the Classical, Philosophical and Scientific courses of study.)

AYCOCK, CHARLES BRANTLEY.....Ph.....Fremont.
BATTLE, THOMAS HALL.....Cl.....Chapel Hill.
BETTS, WILLIAM ARCHIBALD.....Ph.....Duplin Co.
BRADY, JOHN EVERETT.....Cl.....Davidson College.
BROOKS, THOMAS COOK.....Ph.....Person Co.
COBB, CHARLES COTESWORTH.....Ph.....Lincolnton.
COBLE, ALBERT LUCIEN.....Cl.....Alamance Co.
CRAIG, LOCKE.....Cl.....Chapel Hill.
DOWD, JOSEPH CAREY.....Ph.....Tarborough.
FAISON, HENRY ELIAS.....Cl.....Faison.
HAYWOOD, ERNEST.....Cl.....Raleigh.
JOHN, RODERICK BELTON.....Cl.....Laurinburg.
PHILLIPS, ALEXANDER LACY.....Cl.....Chapel Hill.
RANSOM, ROBERT.....Cl.....Northampton Co.
SHARPE, BENJAMIN CHARLES.....Cl.....Tarboro.
SLADE, WILLIAM BONNER.....Cl.....Columbus, Ga.
VAUGHAN, LATIMER CLARK.....Cl.....Warrenton.
Seniors.....17

THIRD YEAR STUDENTS (JUNIORS.)

ADAMS, WILLIAM JACKSON.....Cl.....Carthage.
ALBERTSON, ROBERT BROOKE.....Ph.....Raleigh.
AVERY, JOHN MOREHEAD.....Cl.....Morganton.
BATTLE, HERBERT BEMBERTON.....Sc.....Chapel Hill.
DANCY, FRANK BATTLE.....Cl.....Tarboro.

DAVIDSON, ALLEN TURNER, Jr.....	Cl.....	Asheville.
ERWIN, WILLIAM EDWARD.....	Ph.....	Hendersonville.
GILLIAM, DONNELL.....	Sc.....	Raleigh.
HILL, CHRISTOPHER DUDLEY.....	Cl.....	Faison.
HINES, FRANK GORDON.....	Ph.....	Edenton.
HOLT, ROBERT OSCAR.....	Cl.....	Guilford Co.
JOYNER, JAMES YADKIN.....	Ph.....	LaGrange.
JOYNER, JOHN PUGH.....	Ph.....	LaGrange.
LEACH, JAMES MADISON, Jr.....	Ph.....	Lexington.
LUTTERLOH, HERBERT.....	Sc.....	Fayetteville.
McIVER, CHARLES DUNCAN.....	Cl.....	Egypt.
McIVER, JOHN ALTON.....	Cl.....	Jonesborough.
MCRAB, RODERICK.....	Cl.....	Laurinburg.
MIAL, LEONIDAS LEMAY.....	Cl.....	Wake Co.
MURPHY, JAMES DICKSON.....	Ph.....	Pender Co.
NEAL, JOHN WILLIAM.....	Cl.....	Stokes Co.
NIXON, ALFRED.....	Sc.....	Lincoln Co.
PEMBERTON, WILLIAM DAVID.....	Ph.....	Albemarle.
PHILLIPS, WALTER EVERETT.....	Cl.....	Battleborough.
ROUSE, NOAH JAMES.....	Ph.....	LaGrange.
RUFFIN, JAMES HIPKIN.....	Ph.....	Hillsboro.
RUMBROUGH, HENRY THOMAS.....	Sc.....	Warm Springs.
SPRINGS, LEROY.....	Cl.....	Fort Hill, S. C.
STEDMAN, FRANK HAYWOOD.....	Cl.....	Fayetteville.
STEWART, WILLIAM BELFIELD.....	Cl.....	Clinton.
THOMAS, CHARLES RANDOLPH, Jr.....	Cl.....	New Berne.
WALKER, JOHN MOSELEY, Jr.....	Cl.....	Hickory.
WALKER, LUCIAN HOLMES.....	Cl.....	Hickory.
WINBORNE, ROBERT WARREN.....	Cl.....	Murfreesboro.
Juniors.....		34

SECOND YEAR STUDENTS (SOPHOMORES.)

ADAMS, WILLIAM GALES.....	Cl.....	Iredell Co.
ALDERMAN, EDWIN ANDERSON.....	Ph.....	Wilmington.
ALDERMAN, WILLIAM COLON.....	Ph.....	Fayetteville.
ALLEN, ALVIS WALDO.....	Ph.....	Granville Co.
BATTLE, HENRY LAWRENCE.....	Cl.....	Rocky Mount.
BELLAMY, SPIER COFFIELD.....	Ph.....	Enfield.
BOYKIN, DAVID STEVENS.....	Cl.....	Clinton.
BRASWELL, MACK CLAUDE.....	Cl.....	Battleboro.
BRYAN, ROBERT THOMAS.....	Cl.....	Kenansville.
EATON, LAFAYETTE BROWNE.....	Cl.....	Warrenton.
FARRAR, JOSEPH WILLIAM.....	Ph.....	Chatham Co.
FURGERSON, MACMURRAY.....	Ph.....	Littleton.

GRANDY, ALBERT SIDNEY.....	Cl.....	Oxford.
HAIGH, DE LAGNEL.....	Cl.....	Fayetteville.
HAMPTON, DAVID AMZI.....	Cl.....	Statesville.
HICKS, JOHN SCOTCH WHITE.....	Ph.....	Warren Co.
HILTON, JOHN.....	Cl.....	Raleigh.
JACKSON, JONATHAN WORTH.....	Cl.....	Pittsboro.
JEFFREYS, JOHN OSBORNE.....	Ph.....	Franklinton.
JOYNER, PATRICK HENRY.....	Sc.....	Princeton.
KENNEDY, DAVID SLOAN.....	Cl.....	Magnolia.
MARKHAM, HUGH PARIS.....	Cl.....	Patterson's.
MAYHEW, THOMAS WILLIAM.....	Cl.....	Hyde Co.
McALISTER, ALEXANDER WORTH.....	Cl.....	Ashboro.
PATTERSON, LOUIS MOREHEAD.....	Cl.....	Salem.
PEACE, LEONIDAS VASSAR.....	Ph.....	Granville Co.
PEEBLES, HENRY BRUCE.....	Ph.....	Jackson.
RICHARDSON, SHAHANE.....	Ph.....	Craven Co.
RODMAN, WILLIAM BLOUNT, Jr.....	Ph.....	Washington.
RUFFIN, THOMAS, Jr.....	Ph.....	Hillsboro.
SCHULKEN, JAMES BION.....	Ph.....	Whiteville.
SKINNER, FREDERICK NASH.....	Cl.....	Edenton.
STEWART, CHARLES.....	Ph.....	Harnett Co.
STOKES, THOMAS DUDLEY.....	Sc.....	Richmond, Va.
STRAYHORN, JOHN THOMAS.....	Cl.....	Hillsboro.
TILLET, HENRY AUGUSTUS.....	Cl.....	Bladen Co.
WHITSETT, GEORGE WALTER.....	Ph.....	Graham.
WILLIAMS, HENRY HORACE.....	Cl.....	Gates Co.
WILSON, GEORGE GREGORY.....	Cl.....	Greensboro.
WINSTON, JOHN CAMM.....	Sc.....	Richmond, Va.
WORTH, CHARLES WILLIAMS.....	Cl.....	Wilmington.
Sophomores.....		41

Watt

FIRST YEAR STUDENTS (FRESHMEN.)

ALEXANDER, CHARLES TAYLOR.....	Cl.....	Rutherford Co.
BATTLE, TURNER WESTRAY, Jr.....	Ph.....	Rocky Mount.
BROWN, FRANK WARREN.....	Cl.....	Greenville.
BROWN, WILLIAM KING.....	Ph.....	Robeson Co.
BROWN, ZENO.....	Ph.....	Greenville.
COWAN, DAVID STONE.....	Ph.....	Columbus Co.
DICK, JOHN MCCLINTOCK.....	Cl.....	Greensboro.
ELLIS, JOHN CALHOUN.....	Cl.....	Whiteville.
ELLIS, PEARSON.....	Cl.....	Whiteville.
FULLER, RALZAMON WOODFORD.....	Ph.....	Lumberton.
HARRISON, JOHN ADAMS, Jr.....	Ph.....	Castalia.
HEITMAN, NUMA FLETCHER.....	Cl.....	Lexington.

HENLEY, JAMES ANDREW.....	Sc....	Franklinton.
HUNTER, PERCY	Cl ...	Gates Co.
LEWIS, JOHN CHURCHILL	Cl....	Raleigh.
ORR, PERRY LEANDER.....	Sc ...	Transylvania Co.
OWEN, CHAMBERS RANKIN..	Ph....	Salisbury.
PAILIN, WILLIAM WHITE	Ph....	Elizabeth City.
PENDER, HERBERT WARD.....	Sc ...	Edgecombe Co.
RADCLIFFE, THOMAS.....	Sc ...	Wilmington.
RANDALL, WILLIAM GEORGE.....	Cl....	Burke Co.
RANKIN, ALBERT McQUISTIAN...	Ph...	Greensboro.
RIDDLE, CHARLES LUCIEN ..	Cl....	Chatham Co.
SETON, COLL HECTOR... ..	Cl ...	Harnett Co.
SHERRILL, FRANKLIN AVERY... ..	Ph....	Catawba Co.
SMEDES, CHARLES WATTS.....	Cl ...	Raleigh.
SMEDES, EVERT BANCKER	Cl ...	Raleigh.
STOCKARD, JAMES KIVETTE.	Cl....	Graham.
THOMPSON, HENRY ERWIN.....	Cl ...	Moore Co.
TURLINGTON, IRA THOMAS.....	Cl ...	Johnston Co.
TURNER, SAMUEL JEFFERSON.....	Cl....	Marion.
VANCE, THOMAS MALVERN.....	Cl.....	Charlotte.
WIMBERLY, GEORGE LEWIS, Jr.....	Cl....	Battleboro.
Freshmen... ..		33

OPTIONAL STUDENTS.

AUSTIN, HENRY WILSON,....	Monroe.
	E., M., R.,
AYCOCK, ALBERT ELIJAH,....	Wedgfield, S. C.
	M., R., B. K., C. and I. L.
BRIDGERS, JAMES KELLY.....	Northampton Co.
	C. & I. L., P. E., M., Law, P. E., R., Lo., H., J. R.
BUNKER, ALBERT LEMUEL.	Mt. Airy.
	C. & I. L., Law, J. R., M. P., P. E
CAIN, ROBERT LEE.....	Davie Co.
	Law, L., E. L., R., Lo., M. P.
CORPENING, MARTIN LUTHER,.....	Lenoir.
	Med., C.
COVINGTON, THOMAS THOMAS...	Laurinburg.
	B. K., L., M., Eng., Z., Ph. and B.
COX, CHARLES GREGORY... ..	Richland.
	R., H., Ph., B., L., B. K.
COX, THOMAS... ..	Greenville.
	M., L., R., B. K., H.
DOUGHTON, RUFUS ALEXANDER ..	Alleghany Co.
	P. E., C. and I. L., Law.

ERVIN, WILLIAM CARSON...	Lenoir.
	R., Lo., P. E., C. and I. L., E. L., Law.
FURGERSON, HENRY BEAUREGARD ..	Littleton.
	A. C., Med., Z., Geo., P. E.
GILL, THOMAS JEFFRIES...	Laurinburg.
	D., Z., Ph., B., M., F., Lo., J. R.
GREEN, GEORGE ALEXANDER ..	Iredell Co.
	P., S. and E., M. and A., M.
GUNTER, JOHN DOCTOR ..	Jonesboro.
	C. and I. L., Med.
HARRIS, EUGENE LEWIS.....	Granville Co.
	G., C., P., S. and E.
HILL, JAMES HICKS ..	Faison.
	Ge., C., Geo., Min., P., D.
LENOIR, THOMAS BALLARD ..	Caldwell Co.
	L., M., E., D., B. K., H., C. and I. L.
MAUNEY, LYCURGUS ELISHA.....	Murphy.
	Law, C. and I. L., P. E., E. L., Lo., Me., M. P.
MCCALL, ROBERT SEVIER ..	McDowell Co.
	P. E., C. and I. L., R., L., Law.
MCIVER, DUNCAN EVANDER.....	Sanford.
	R., Lo., E. L., Me., P. E., C. and I. L.
MCLEAN, CHARLES EDGAR.....	McLeansville.
	L., Lo., M., P., M. P., B. K., J. R.
MCLEOD, GILBERT.....	Euphronia.
	C., P., F., Lo., J. R., Med.
NICHOLLS, JOSHUA ROBERTSON.....	Scotland Neck.
	H. C., and I. L., E. L., J. R., M., L., F., Ph., B.
PELL, EDWARD LEIGH.....	Chapel Hill.
	M. P., Me., E. L.
PELL, ROBERT PAINE.....	Chapel Hill.
	L., Ge., Anglo Saxon, English.
PHILLIPS, JOHN LEIGHTON ..	Raleigh.
	A. C., Med., Ge., P. E., C. and I. L.
REYNOLDS, NATT AUGUSTUS ..	Asheville.
	Law, P. E., C. and I. L.
RICHARDSON, EDMUND ERNEST ..	Reidsville.
	P. E., Lo., R., Ge., F., C., B. K.
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	C. and I. L., E. L., J. R., R., H., M., Ph., B.
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	C., Ph., B., Med.

TURLINGTON, WILLIS EDGAR	Johnston Co.
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P. E., C. and I. L., Ph., Z., B., Me., M. P., Lo., J. R.	
WHITFIELD, WILLIAM COBB	La Grange.
M., B. K., R., H., Ph., B.	
WILCOX, LEWIS BARGE	Hawkinsville, Ga.
B. K., M., R., H., C., C. and I. L., P.	
WILLIAMS, CYRUS WELLMON.....	Polk Co.
M., L., B. K., R., H.	
WILLEY, CLAUDE... ..	Gatesville.
Lo., Me., P. E., E. L.	
WILSON, ALBERT ROBERT.....	Greensboro.
Med., C., B., R., D.	
WILSON, JOHN NESTOR.....	Greensboro.
Ph., Z., M., C. and I. L.	
Total,.....	42

ABBREVIATIONS.

A. C.,	Analytical Chemistry	Lo.,	Logic.
B.,	Botany.	M.,	Mathematics.
B. K.,	Book-Keeping.	M. & A.,	Mechanics & Astronomy.
C.,	Chemistry, (General).	Me.,	Metaphysics.
C. & I. L.,	Constitutional and Inter- national Law.	Med.,	Medicine.
D.,	Drawing.	Mi.,	Mineralogy.
E. L.,	English Literature.	M. P.,	Moral Philosophy.
F.,	French.	P.,	Physics.
G.,	Greek.	P. E.,	Political Economy.
Geo.,	Geology.	Ph.,	Physiology.
Ge.,	German.	R.,	Rhetoric.
H.,	History.	S. & E.,	Surveying and Engineer- ing.
J. R.,	Junior Rhetoric.	Z.,	Zoology.
L.,	Latin.		

LAW STUDENTS.

AYCOCK, CHARLES BRANTLEY.....	Fremont.
BREEDEN, DARIUS MEEKIN.....	Bennettsville, S. C.
BRIDGERS, JAMES KELLY.....	Northampton Co.
BUNKER, ALBERT LEMUEL.....	Mt. Airy.
CAIN, ROBERT LEE.....	Mocksville.
DOUGHTON, RUFUS ALEXANDER	Alleghany Co.
ERVIN, WILLIAM CARSON ..	Lenoir.
MCCALL, ROBERT SEVIER	McDowell Co.
MAUNEY, LYCURGUS ELISHA	Murphy.
PENDER, JAMES	Tarboro.
REYNOLDS, NATT AUGUSTUS.....	Asheville.
THOMAS, WILLIAM LEWIS....	Bennettsville, S. C.
TURNER, SAMUEL JEFFERSON....	Marion.
Total.....	13.

MEDICAL STUDENTS.

BATTLE, KEMP PLUMMER, Jr., A. B., ..	Chapel Hill.
CORPENING, MARTIN LUTHER.....	Lenoir.
FURGERSON, HENRY BEAUREGARD	Littleton.
GUNTER, JOHN DOCTOR.....	Jonesboro.
MCLEOD, GILBERT.....	Euphronia.
PHILLIPS, JOHN LEIGHTON....	Raleigh.
STRICKLAND, JAMES THOMAS	Surry Co.
TURLINGTON, WILLIS EDGAR ..	Johnston Co.
WILSON, ALBERT ROBERT.....	Greensboro.
Total, ..	9.

SUMMARY.

Post Graduate Students,.....	1
Students in Regular Courses:	
4th year (Seniors,).....	17
3rd " (Juniors,).....	34
2nd " (Sophomores,) ..	41
1st " (Freshmen,).....	33
Optional Students, ..	42
Law Students, ..	13
Medical Students,.....	9
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	190
Counted twice, ..	19
	<hr/>
Total,.....	171

HISTORY.

The University of North Carolina was established in obedience to a clause of Section XLI of the Constitution of the State, adopted on the 18th of December, 1776, viz: "All useful learning shall be duly encouraged and promoted in one or more Universities."

In consequence of the exigencies of the War for Independence, and the prostration following it, some years elapsed before the mandate of the Constitution was carried into effect.

On the 21st of November, 1789, the Convention of the State, convened in Fayetteville, ratified the Constitution of the United States, and entered the American Union. One month thereafter, the General Assembly, sitting in the same town, granted the Charter of the University. The preamble declares that "in all well regulated governments it is the indispensable duty of every Legislature to consult the happiness of the rising generation, and endeavor to fit them for an honorable discharge of the social duties of life by paying the strictest attention to their education," and that "a University supported by permanent funds, and well endowed, would have the most direct tendency to answer the above purpose." The Trustees were the leading men of that day, many of them having assisted in framing the Constitution of 1776.

In November, 1792, the University was located on an elevated plateau several hundred feet above the sandstone basin which traverses the State, a plateau remarkable for the purity of its water, the beauty and variety of its forest growth and the healthfulness of its climate.

On October 12th, 1793, the corner-stone of the first building, the Old East, was laid with Masonic honors by Governor Wm. Richardson Davie, Grand Master. The doors were opened for students in February, 1795. The buildings are now eight in number, affording accommodations for 500 students, with ample recitation rooms and public halls.

The University had obtained a commanding position among the institutions of learning of this country, having nearly five hundred matriculates, when the great civil war dispersed its students and shattered its endowment. In 1872 its doors were closed but were re-opened in September, 1875.

LOCATION.

The University is situate 28 miles from Raleigh and 12 miles from Durham, on the North Carolina Railroad. A daily stage-line connects at Durham, with the railway trains. It is expected that the State University Railroad will be completed before the beginning of the next session, thereby affording connection by rail with the North Carolina Railroad at University Junction.

GOVERNMENT.

The University is under the control of a Board of 72 Trustees, elected by the joint vote of the General Assembly. Of these, one-fourth go out of office, and their places are filled, every two years. Although not required by law, in practice they are distributed among the Congressional Districts. The Board meets regularly twice a year; in the winter at Raleigh on a day selected by the Chairman, and in the summer at Chapel Hill during Commencement week. The former is called the Annual Meeting. The Governor is *ex-officio* Chairman of the Board. Ten constitute a quorum.

THE EXECUTIVE COMMITTEE.

During the recess of the Board, an Executive Committee of seven Trustees, elected at the Annual Meeting, exercise all the powers of the Board of Trustees, except those specially prohibited.

FACULTY.

The Faculty consists of thirteen Professors, including the President. Of these, the Chemist of the State Board of Agriculture, in charge of the Agricultural Experiment and Fertilizer Control Station, the Professors of Law and of Anatomy and Materia Medica and the State Geologist, are not charged with duties connected with the discipline of the University.

STATE STUDENTS.

By Section 3 of the Act of the General Assembly of February 11th, 1867, "It shall be the privilege of the County Court (now County Commissioners), in each county in this State forever to select annually one native of the State, re-ident in said county, of good moral character and capacity for usefulness, without the requisite means to defray the necessary expenses of education, who shall be admitted to any classes in the University for which he may be prepared, free of all charges for tuition and room rent, so that each county may always have one representative."

And by Section 4: "In order to promote the liberal and practical education of the industrial classes of the State, pupils may be admitted to the branches of Agriculture and Mechanic Arts who possess the requisite qualifications for these studies, without the previous literary training requisite for admission into the regular college courses."

OTHER BENEFICIARIES.

The Faculty not only are ready to comply with this law, but by authority of the Board of Trustees, will admit other worthy young men, without means, not confining themselves to one from each county.

ORGANIZATION.

As re-organized, the institution is designed to hold the position and to do the work of a University. In the several colleges which it embraces, it offers independent instruction in the different departments of knowledge. While thus meeting the requirements of various circumstances and of individual taste, the Trustees have grouped together several systems which experience indicates as adapted to the necessities of those who desire effective mental discipline, together with liberal culture.

DISCIPLINE.

The discipline of the institution is designed simply to restrain irregularities and excesses which conflict with the improvement of its members. The laws require faithful attention to duty and abstinence from everything that may interrupt or disturb study. Students will be required to observe decorum and courtesy towards each other at all times, and the practice of *hazing* will be rigorously suppressed.

No secret societies or clubs, other than the two well-known literary societies, (Dialectic and Philanthropic) will be allowed without the express permission of the Trustees of the University.

The Faculty will remove from the University any student who is negligent of his duties, or exerts an evil influence over his fellows.

RECITATIONS AND LECTURES.

Each student is required to attend on an average three class exercises daily, except on Saturday and Sunday, the former day being appropriated to the exercises of the two literary societies.

VOCAL MUSIC.

During the present year a large class has received efficient instruction in vocal music from Mr. W. A. Betts. The University Choir leads the singing in the College Chapel at the daily religious exercises and on public occasions.

LITERARY SOCIETIES.

In connection with the University are the Dialectic and Philanthropic Literary Societies, to one of which each student is expected to attach himself. The halls and libraries of these societies are commodious and elegantly furnished. The libraries contain each over seven thousand volumes, including history, biography, poetry, science, philosophy and the standard English and American Reviews and Magazines. Each society owns many valuable busts and portraits and a considerable museum of curiosities and minerals.

The exercises of these societies and access to their libraries are ranked among the prominent advantages offered by the University. They afford practice in debating and writing, and familiarize the students with the rules of order governing deliberative assemblies.

RELIGIOUS SERVICES.

The students are expected to attend the Sunday Bible classes, the daily morning prayers in the University Chapel, and the Sunday morning services in the several churches in the village.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

There is a branch of the Young Men's Christian Association among the students. It has many members of spirit and activity, and its influence for good is very marked.

Regular meetings are held every Sunday afternoon, and prayer-meetings each evening during the week in one of the University halls set apart for the purpose.

MUSEUMS.

The UNIVERSITY MUSEUM occupies the large hall on the third floor of the East Building. Here the cabinets of the various departments have been brought together and arranged. The Geological and Mineralogical collection includes the "Vienna Cabinet," which alone comprises over two thousand specimens from all parts of the world; a large collection of minerals, rocks and fossils, collected by the late Dr. Emons, when State Geologist, donated to the University by the State; and much material secured through the kindness of the present State Geologist, Prof. Kerr, illustrating the practical application of Geology to the arts—such as a number of jars of pigment of various colors,

donated by John Lucas & Co., of Philadelphia; a set of North Carolina marls, now so extensively known as fertilizers; samples of mica, gold and other minerals, and of building stones found within the State.

The ZOOLOGICAL COLLECTION includes a cabinet of insects collected in the vicinity of Chapel Hill, containing rare and valuable species, a large number of reptiles preserved in alcohol, and many bird skins, which it is hoped may, at an early day, be mounted.

In BOTANY, besides an Herbarium of the local flora, there is a fine set of native woods, carefully prepared and labeled; and a large collection of seeds, grains and fibres from many countries, secured for the Museum by the State Geologist, some of which will be employed in the experiments of the students in Botany.

In the Dialectic Building (New West), a room has been set apart, known as the AGRICULTURAL MUSEUM. The collection at present embraces various valuable machines and tools employed in Agriculture.

LIBRARIES.

The libraries of the two Societies have been already mentioned. The University library contains about six thousand volumes and two thousand pamphlets. It is especially useful to students of history and language. Its French and English editions of the Classics and books illustrating Greek and Roman history, antiquities and mythology, are rare and valuable. A list of the contributions made to the College and Society libraries during the past year will be found on another page.

ANNUAL EXPENSES.

Tuition (including room and attendance).....	\$ 85 00.....	\$ 85 00
Washing.....	9 00.....	9 00
Board.....	63 00.....to.....	112 50
Wood.....	3 50.....to.....	10 50
Lights.....	1 00.....to.....	2 00
Books.....	6 00.....to.....	12 00
Deposit for damages.....	2 00.....	2 00
Total.....	\$169 50.....to.....	\$233 00

To these items must be added others which will be determined by the habits of the students themselves, viz: travelling expenses, clothing, furniture of room, pocket money and fees in one of the Literary Societies. Books and stationery will be furnished at New York retail prices.

During the present session over sixty students, by forming clubs, obtained board at cost, being not more than \$7.00 per month.

The fee for tuition must be paid in advance. The Faculty earnestly advise parents to send the money necessary for defraying the expenses of their sons to A. Mickle, Esq., Bursar, who will safely keep and pay out the same without charge. Pains will be taken to confine the expenses of education at the University within reasonable limits. If the provisions of the "Act concerning the University," in Battle's Revisal, are faithfully observed, parents and guardians may feel confident that this desirable result will be secured.

REQUISITES FOR MATRICULATION.

For admission to the University, such preparation is required as may enable each student to pursue with advantage the course which he may select. As a rule, each matriculate must be sixteen years of age. Exceptions may be allowed at the discretion of the Faculty.

Examinations are required of those who desire to study Mathematics, Greek, Latin or English. Applicants are admitted without examination to the instruction given in other branches.

EXAMINATIONS FOR ENTRANCE.

IN LATIN.—Cæsar's Gallic War (5 books), Virgil's *Æneid* (4 books), Cicero's Select Orations. Equivalent amounts from other authors will be accepted. Applicants must exhibit some acquaintance with Roman history and geography, and a thorough knowledge of forms is indispensable.

IN GREEK.—Grammar (Goodwin's or Hadley's), Leighton's Greek Exercises, Xenophon's *Anabasis* (3 books,) Grecian History, Geography and Mythology.

IN MATHEMATICS.—Arithmetic, Algebra (to Equations of Second Degree).

IN ENGLISH.—English Grammar, History of the United States, Modern Geography.

Applicants wishing to pursue the scientific studies, including the branches relating to Agriculture and the Mechanic Arts, are examined in English and Arithmetic. Those desiring to take the Philosophical Course must, in addition, be examined in Latin or Greek, according to the selection made. For the Classical Course, applicants must be examined on all the foregoing studies; Optional Students, on such of the above as relate to the studies they select.

For admission to advanced standing, applicants will be examined on the studies completed by the classes which they wish to join.

COURSES OF STUDY.

The Faculty recommend one of the following Courses:

1.—CLASSICAL COURSE.

Leading to the Degree of Bachelor of Arts, (A. B.). This course corresponds to the old Curriculum, but with a larger measure of Scientific and English studies.

The figures in parentheses denote the number of recitations or lectures per week.

FIRST YEAR.—Algebra and Geometry (5), Latin (4), Greek (4), Rhetoric and History (2).

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Latin (4), Greek (4), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (5), Logic and Rhetoric (2), and any two of the following: *Calculus* (3), *Latin* (3), *French* (3), *German* (3), *Engineering and Surveying* (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), and either *Psychology and Moral Philosophy* (2), or *Second Year Chemistry*.

2.—PHILOSOPHICAL COURSE.

Leading to the Degree of Bachelor of Philosophy, (Ph. B.). This course has been organized for those wishing to study only one ancient language, presenting a choice between Latin and Greek, and substituting other studies. This allows still greater devotion to Scientific and English studies.

FIRST YEAR.—Algebra and Geometry (5), Latin or Greek (4), French (3), Rhetoric and History (2).

SECOND YEAR.—Trigonometry and Analytical Geometry (4), Latin or Greek (4), German (3), Zoology, Physiology and Botany (3).

THIRD YEAR.—Physics (3), Chemistry (5), Logic and Rhetoric (2), and any two of the following: *Calculus* (3), *Latin* (3), *German* (3), *Surveying and Engineering* (3).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), Political Economy, Constitutional and International Law (3), English Literature (3), Essays and Orations (1), and either *Psychology and Moral Philosophy* (2), or *Second Year Chemistry*.

3.—SCIENTIFIC COURSE.

Leading to the Degree of Bachelor of Science (B. S.). In this course are grouped together the studies that relate especially to the practical pursuits of life.

Facilities are afforded for practical training in Scientific studies, particular regard being had to the "branches relating to Agriculture and the Mechanic Arts." By diligent attention to the studies of this course, students will require theoretical and practical knowledge of the Chemistry of Agriculture, the Botany of Agriculture, the Physics of Agriculture, the Mechanics of Agriculture, the Zoology of Agriculture, &c., as well as a competent knowledge of Mathematics, of German and French, in which languages are the chief publications on Agricultural Science, and of such English studies as will fit them to be useful citizens of their country.

Attention is called to the explanation given elsewhere of the aims of the Schools of Chemistry and Physics and the College of Natural History, respecting preparation for scientific pursuits. It will be seen that the special needs of the Southern people are provided for, instruction being given which will be of inestimable value to men of all professions and of every business.

FIRST YEAR.—Commercial Arithmetic, Book-Keeping and Algebra (5), English (2), Zoology, Physiology and Botany (3), Drawing (2), and either *Latin*, or *French*, or *German* (3).

SECOND YEAR.—Algebra and Geometry (5), Chemistry (5), Rhetoric and History (2), and either *French* or *German* (3).

THIRD YEAR.—Trigonometry and Analytical Geometry (4), Agricultural Chemistry and Quantitative Analysis (5), Logic and Rhetoric (2), Physics (3), History (1).

FOURTH YEAR.—Mechanics and Astronomy (3), Geology and Mineralogy (3), English Literature (3), Political Economy, Constitutional and International Law (3), and either *Surveying and Engineering* or *Third Year Chemistry* or *Calculus* (3).

OPTIONAL COURSES.

The Faculty earnestly advise students to pursue one of the regular courses. But in proper cases they are allowed to choose studies

out of the courses, as may be deemed most advantageous, provided that they have fifteen class exercises a week, whether lectures, recitations or laboratory practice.

An Optional Course once chosen must be adhered to for the session, unless for special reasons the Faculty shall allow a change. And no student is allowed to take a course not deemed by the Faculty worthy of his time and efforts.

AGRICULTURAL STUDIES.

By availing themselves of an Optional Course, students, whose time and means are limited, may obtain purely agricultural instruction in branches deemed of special value. The Faculty recommend, however, that every sacrifice possible shall be made to secure a symmetrical education.

Efforts are making for the collection into a museum of the best models of plows and other agricultural implements to serve as models for the instruction of pupils. A considerable number is already on hand and others are expected. In this museum will be exhibited likewise specimens of the production of the soil of the various parts of the State.

DEGREES.

THE DEGREE OF BACHELOR OF ARTS is conferred upon those students who have passed approved examinations on the studies enumerated in the CLASSICAL COURSE.

THE DEGREE OF BACHELOR OF PHILOSOPHY is conferred upon those students who have passed approved examinations on the studies enumerated in the PHILOSOPHICAL COURSE.

THE DEGREE OF BACHELOR OF SCIENCE is conferred upon those students who have passed approved examinations on the studies enumerated in the SCIENTIFIC COURSE.

THE DEGREES OF DOCTOR OF PHILOSOPHY, MASTER OF ARTS, AND MASTER OF SCIENCE, are conferred upon students who have completed post-graduate courses of study prescribed by the Faculty.

Every candidate for a degree is required to present an oration or essay before the public on Commencement Day.

MEDALS AND PRIZES.

GREEK MEDALS.

In the Second Greek Class Medals of equal value are offered:

To the best scholar ;

To the member of the Class who shall make the greatest improvement during the year, and who shall be adjudged the best student of a grade above 85.

MEDAL FOR ORATORY.

The Misses Mangum, of Orange, offer *in memoriam* of their father, Willie P. Mangum, a gold medal as a prize for the best oration, at the Annual Commencement.

THE CHEMISTRY MEDAL.

A gold medal is offered to the most successful student of Chemistry, practical and theoretical.

THE BINGHAM MEDAL.

Maj. Ro. Bingham offers a gold medal to the student that shall stand the best entrance examination on Latin, Greek, Mathematics and English. The examination will be held at the beginning of next session.

THE ENGLISH MEDAL.

Maj. Ro. Bingham offers a gold medal to the member of the Senior Class that shall write the best English essay. The terms of the competition are announced to the class by the Professor of English Literature.

COLLEGE OF PHILOSOPHY.

SCHOOL OF POLITICAL SCIENCE.

(Including Political Economy, Constitutional Law, International Law, and Parliamentary Law).

PRESIDENT BATTLE.

Instruction in this School is given by text-books and lectures. *

The scheme of lectures embraces such topics as the following :

The history and theory of STATE TAXATION.

“ “ “ “ “ STATE BANKING.

“ “ “ “ “ NATIONAL BANKING.

“ “ “ “ “ THE STATE DEBT.

“ “ “ “ “ THE NATIONAL DEBT.

The leading cases decided by the Supreme Court of the United States and of this State on the construction of the National Constitution.

Magna Charta of King John, Magna Charta of Edward I., the Petition of Right, the Abolition of Feudal Burdens, the Bill of Rights, the State Constitution of 1776, the Amendments of 1835, the Amendments of 1854, 1861, 1865.

The Reconstruction Acts. and the Constitution of 1868.

The Amendments of 1874.

The Amended Constitution of 1876.

The causes which led to the Amendments to the National and State Constitutions.

The Rules of Order governing deliberative assemblies.

While these lectures may be of especial benefit to those who will embrace the legal profession, or engage in politics, they also give information which should be in the possession of every intelligent citizen.

SCHOOL OF METAPHYSICS.

PROF. MANGUM.

THIRD YEAR STUDENTS.—*Two recitations a week.*

FIRST TERM.—Logic,

SECOND TERM.—Rhetoric.

FOURTH YEAR STUDENTS.—*Two recitations a week.*

FIRST TERM.—Psychology.

SECOND TERM.—Moral Science.

Texts last used: Atwater's Manual of Logic, Hill's Science of Rhetoric, Munsell's Psychology and Gregory's Christian Ethics.

Various authors on the several subjects are used as needed. The method of instruction combines text book and lecture.

COLLEGE OF MATHEMATICS.

PROFS. GRAVES AND GRANDY.

FIRST YEAR.—*Five recitations a week.*

Geometry, including a discussion of Transversals, Harmonic Division and other Modern methods of Elementary Geometry, Algebra, Theory of Numbers, Different Scales of Notation.

SECOND YEAR.—*Four recitations a week.*

Construction and use of tables of Logarithms, Plane and Spherical Trigonometry with applications to Surveying, Heights and Distances, etc., Analytical Geometry of two Dimensions.

THIRD YEAR.—*Three recitations a week.*

Analytical Geometry of three Dimensions, Differential and Integral Calculus, Calculus of Variations, a Discussion of the Methods of Abridged Notation and Trilinear Co-ordinates. The Philosophy of Mathematics.

FOURTH YEAR.—*Three recitations a week.*

Theoretical Mechanics with numerous practical applications, Astronomy.

In this Department the aim is to make the course comprehensive and extensive.

The student is assisted both in the class-room and out, and his progress tested by oral and written examinations.

Throughout the whole course great importance is attached to the solution of problems as the only way to insure a complete mastery of the subject. Written solutions of the more difficult problems are required, and this scope for originality is afforded and habits of accuracy are developed.

BOOK-KEEPING.

· PROF. GRAVES.

Facilities are afforded for learning the Science of Accounts.

The subjects of Single Entry and Double Entry Book-Keeping are thoroughly explained and illustrated.

Each student is required to write numerous sets, including various short methods adopted by practical book-keepers. This exercise is continued until he is familiar with all the details as they occur in actual business. This course is invaluable, not only to those who intend to be accountants, but also to those preparing for any pursuit in life who wish to preserve a clear and concise record of their business transactions

COLLEGE OF ENGINEERING.

PROF. GRAVES, (IN CHARGE.)

FIRST YEAR.—*Four hours a week.*

1. Theory and use of Engineering Instruments, Land Surveying, Drainage, and Irrigation. Practice in the field with the chain, compass, transit and level, supplements the instruction in the class room. While every refinement of surveying and levelling is thoroughly discussed and illustrated practically, the student is likewise taught to use the ruder

methods, where lack of time or instruments would forbid greater precision. Plats of the land adjoining the University are made, their contents estimated and their division according to various conditions effected.

2. Orthogonal, and Oblique Projections, Projections of Shades and Shadows, Projections of Maps, Drawing. These subjects are illustrated and impressed by the execution of working drawings of buildings and of the simpler kinds of machinery, etc., etc. While this class constitutes a part of a technical course, it requires only a moderate knowledge of pure mathematics, and the subjects taught are of great advantage to the student who is seeking general culture only.

SECOND YEAR.—*Three hours a week.*

1. Survey and Location of Roads, Construction of Roads, Topography. Here, again, the student is made familiar with the methods of the text-book by actual field work. Topographical Maps are drawn, Railroad Curves are staked out, estimates of cost made and all the cases that occur in practice fully illustrated.

2. Geodesy, Hydrography.

3. Mechanics with applications to the Arch, Foundations, Retaining Walls, Strength of Materials. etc., etc. Graphical Statics, Practical Examples.

4. Axonometric (including Isometric) Projections, Perspective Drawing.

THIRD YEAR.—*Three hours a week.*

1. Structures of Wood, of Stone and of Metal, Building Materials, Stability of Structures, Bridge Construction, Drawing.

2. Kinematics, Hydraulic Engineering, Thermodynamics.

Examples of celebrated structures are given, also of those with which the student may be familiar.

COLLEGE OF LITERATURE.

This College embraces the Schools of Greek, English, French and German.

The attention of teachers is directed to the prevalent neglect of the study of English, and especially to the necessity of practice in spelling

and composition. The want of a competent degree of literary cultivation in our own language disqualifies many young men of good natural abilities for pursuing with success an advanced education.

In Latin and Greek, applicants for admission are too frequently ill prepared in the rudiments of Grammar and unskilled in construction, while a large proportion are utterly ignorant of ancient geography, mythology and history. Some of these defects may be remedied by constant exercise in composition, by frequent translations from one language into another, and by repeating or writing from memory the ideas expressed in the text.

SCHOOL OF GREEK.

PROF. HOOPER.

The Greek Class of the first year has four recitations weekly, devoted to Homer's *Iliad* and the *Memorabilia* of Xenophon, with exercises in construction.

Books, Goodwin's and Hadley's Grammars, Leighton's Lessons, Smith's Antiquities.

The second year, with four recitations, is occupied in the study of Demosthenes on the Crown, and select Tragedies. A portion of the time is given to the History of Greece.

Books, Goodwin's Moods and Tenses, and Jelf's and Kuehner's Grammars, Smith's History of Greece, with reference to Thirlwall and Grote.

A third year's course embraces selections from the dramatic and philosophic writers.

Books, French's and Schlegel's Lectures.

It is made a special object, by a critical study of the forms and construction of the language, to cultivate exactness of scholarship, as conducing most directly to precision and clearness of thought, and preparing the student to understand and appreciate the excellencies of Grecian literary art.

SCHOOL OF LATIN.

PROF. WINSTON.

The instruction in this School is given by recitations and occasional lectures. It includes oral and written translations and criticisms of Latin authors, together with frequent practice in writing Latin. In-

struction is given in Roman history and in classic mythology and antiquities. The general principles of comparative philology, with especial attention to the Latin verb and noun forms, as well as the philosophy of the subjunctive mood, are explained in a course of lectures.

The progress of the student is tested both by daily recitations and by frequent written examinations; and the final examinations, besides covering the work of the session, relate to passages not previously read by the class.

COURSE OF STUDY.

FIRST YEAR.—*Four recitations a week.*

Cicero, Livy, Grammar, Composition, History.

SECOND YEAR.—*Four recitations a week.*

Terence, Pliny, Tacitus, Horace, Composition, History,
Lectures.

THIRD YEAR.—*Three recitations a week.*

Plautus, Tacitus, Juvenal, Persius, Quintilian, Virgil,
Latin Theses.

The professor of Latin would be glad to advise with pupils preparing for College and not having the advantage of skilful teachers.

SCHOOL OF ENGLISH.

PROF. MANGUM.

FIRST YEAR STUDENTS.—*Two recitations a week.*

FIRST TERM.—Grammar, Rhetoric and Elocution.

SECOND TERM.—Rhetoric and History.

THIRD YEAR STUDENTS.—*Two recitations a week.*

FIRST TERM.—Logic.

SECOND TERM.—Rhetoric.

FOURTH YEAR STUDENTS.—*Four recitations a week.*

FIRST TERM.—History of the English Language, Literary Criticism, and Original Speeches.

SECOND TERM.—History of English Literature, Æsthetic Criticism, Essays, and Original Speeches.

ELECTIVE OR POST-GRADUATE COURSE.—Special English Criticism, extra and advanced studies in the English Language and Literature, and the outlines of Universal Literature.

Text last used: Reed & Kellogg's Higher Lessons in English, (with Dalglish's Analysis), Hill's Composition and Rhetoric, Freeman's Outlines of History, Supplee's Trench on the Study of Words, Atwater's Manual of Logic, Hill's Science of Rhetoric, Lounsbury's History of the English Language, Shaw's New History of English and American Literature, Studies in Shakspeare, Peile's Philology, Earle's Philology, Morris's Historical Grammar, Carpenter's Anglo-Saxon Grammar and Reader.

In addition to the texts, other works are used as deemed advisable. Such attention as is practicable is given to the subject of Elocution.

SCHOOL OF FRENCH.

PROF. HOOPER.

Three recitations weekly, for one year, are devoted to the study of the Grammar, including pronunciation, to the reading of Voltaire's Charles XII, and select plays from Racine, Corneille and Molière. Attention is given to the idiomatic forms as compared with our own language and the Classics.

An optional course is arranged for a second year, embracing the master-pieces of the French Drama, specimens of oratory, history and poetry.

Books: Schele de Vere's and Bolmar's Grammars.

SCHOOL OF GERMAN.

PROF. WINSTON.

FIRST YEAR.—*Three recitations a week.*

Comfort's Course, Whitney's Reader and Grammar.

SECOND YEAR.—*Three recitations a week.*

Schiller's Tell, Goethe's Faust.

Especial attention is paid to the comparative philology of the English and German languages.

COLLEGE OF NATURAL SCIENCE.

SCHOOL OF GENERAL AND AGRICULTURAL CHEMISTRY.

PROF. REDD.

There are two courses in this school—the Lecture course and the Laboratory course. In the former, the class meets the Professor three times a week during the scholastic year. The facts and general principles of chemistry are presented in the following order: .

1. Chemical Physics.
2. The Metalloids, their history and combination with each other.
3. The principles of Chemical Nomenclature, Symbols and Notation, the general principles of Chemical Philosophy.
4. The Metals, their history, combination and uses.
5. Organic Chemistry.

Instruction is given by text-books and by lectures, and is illustrated by numerous experiments.

A course of lectures in Agricultural Chemistry occupies the last six weeks of the scholastic year. Among the subjects presented are the following:

1. The chemical constitution of plants.
2. The chemical changes involved in plant growth.
3. The plant in its relation to the soil, atmosphere, heat, light and electricity.
4. Plant food, its nature, sources, modes of preparation and commercial value.
5. The chemistry of animal nutrition.
6. The method of determining the nutritive value of the several important feeding stuffs.

In the Laboratory course, the students spend with the Professor six hours a week during the year. Among the Agricultural substances tested qualitatively are plant ash, artificial fertilizers, soils, marls and waters. A deposit of \$14.00 is required at the beginning of the session

to defray the cost of apparatus and chemicals. These two courses enable a student to determine qualitatively any ordinary unknown substance.

Text-books and books of reference: Fownes' Chemistry, Roscoe's Chemistry, Fresenius' Qualitative Analysis, How Crops Grow, How Crops Feed, Pendleton's Scientific Agriculture.

SCHOOL OF ANALYTICAL CHEMISTRY.

PROF. REDD.

This school is designed to prepare students to become Analytical Chemists, Chemists of Manufacturers, Teachers of Chemistry, or Druggists, and also to afford special facilities for the training of Farmers and Physicians. The course occupies two years. The first year's course is the same as that of General Chemistry.

In the second year's course Quantitative Chemistry is prosecuted until the student is able to determine quantitatively any ordinary unknown substance.

Lectures on Industrial Chemistry are given twice a week. Among the subjects discussed are the following:

1. The Metallurgic Processes—the extraction of the useful metals, as iron, copper and lead.
2. The principles and processes of the manufacture of glass, leather, soap, chemicals and fertilizers.

In order to afford, as far as possible, special opportunities to students preparing for the several scientific pursuits, the following courses have been arranged:

I. Farmer's course, including Analysis of Soils, Plants, &c.; also, Analysis of Fertilizers, Barn-yard and Commercial, and, as far as practicable, box and field experiments as confirmatory tests of Laboratory work.

The students in this course during the present session, among other substances, analysed tobacco from Person and other counties, mineral waters from Halifax and other counties, valuable Phosphatic Marls from Duplin and other counties, "Charleston Rock," and iron ores from North Carolina and South Carolina.

II. Analytical Chemists' and Chemists of Manufacturers' course, including Analysis of Minerals, of Manufactured Products and the Assay of Ores.

III. Druggist's and Physician's course, including preparation of Drugs, and testing for their impurities, and the detection of Poisons. The average expenses of a student pursuing this course are \$50.00.

Text-books and books of reference : Fresenius' Qualitative and Quantitative Analysis, Caldwell's Agricultural Chemistry, Parrish's Pharmacy, Wagner's Chemical Technology.

CHEMICAL LABORATORIES.

In addition to the spacious Laboratory heretofore used for Quantitative and Qualitative work, the Trustees have fitted up Person Hall for the Quantitative Laboratory. The Qualitative and Quantitative Laboratories are supplied with gas and water, and with the other appliances necessary for the prosecution of chemistry according to the most approved modern methods. In the Laboratory specially arranged for Toxicology, ten cases of suspected poison have been investigated, up to this time, for the State.

SCHOOL OF PHYSICS.

PROF. GRANDY.

The class meets three times a week throughout the year. The first portion of the year is devoted to the Mechanics of Solids and Fluids, and the remaining and greater portion, to Molecular Physics.

In this class the object is to develop and explain the principles of the science by methods as elementary as possible, and to present to the student a complete course of instruction in Physics. In the study of Molecular Physics special attention is given to the results of modern researches and generalizations.

The principles are illustrated and impressed by numerous experiments throughout the year, and a clearer comprehension of the laws of Physics, and greater familiarity with them, is attained by constant exercise in the solution of problems. An effort is made to give a practical cast also to the instruction in this department by showing the application of the principles in various familiar implements and machines.

In addition to other apparatus, the department has been supplied with a fine Holtz Electrical Machine, capable of giving an electric spark twenty inches in length.

COLLEGE OF NATURAL HISTORY.

SCHOOL OF GEOLOGY AND MINERALOGY.

DR. SIMONDS.

The instruction consists of

- I. *A Course of Thirty Lectures on General Geology*, including Dynamical Geology, Geognosy, Palaeontology, Historical Geology and Archæology.

Text-book: Dana's New Text-book of Geology, 3rd edition.

Books of Reference: Dana's Manual of Geology, Jukes and Geikie's Manual of Geology, Lyell's Principles, Le Conte's Geology, Huxley's Physiography, Macturk's Physical Geography, Maury's Physical Geography, Reports of U. S. Geographical and Geological Surveys and of the Surveys of the various States, Guyot's Earth and Man, Lubbock's Prehistoric Times, Foster's Prehistoric Races of the U. S.

- II. *A Course of Five Lectures on the Resources of North Carolina.*

- III. *A Course of Laboratory Instruction in Determinative Mineralogy and Blow-pipe Analysis.*

Text Book: Elderhorst's Manual of Qualitative Blow-pipe Analysis, Nason and Chandler's Edition.

Dana's System of Mineralogy is used for reference.

This subject occupies six hours per week during the second term.

SCHOOL OF ZOOLOGY.

DR. SIMONDS.

The instruction in this school includes:

- I. *A Course of Twenty-five Lectures on General Zoology* during the first session. Six lectures of this course are on "Insects injurious to vegetation."

Text-book: Nicholson's Text-book of Zoology.

Books of Reference: Nicholson's Manual of Zoology, Orton's Comparative Zoology, Tenney's Manual of Zoology, Agassiz's Methods of Study in Natural History, Huxley's Anatomy of Vertebrated Animals, Cobbold's Entozoa, Packard's Guide to the Study of Insects, Harris' Insects Injurious to Vegetation, Coues' Key to North American Birds, Huxley and Martin's Biology.

II. *A Course of Twenty-five Lectures on Human Physiology and Hygiene*, during the first half of the second term.

Text-book: Cutter's or Dalton's Physiology. (Elementary).

Books of Reference: Dalton's Human Physiology, Marshall's Human and Comparative Physiology, J. C. Draper's Physiology, J. W. Draper's Physiology.

III. *Laboratory instruction in Zoology for advanced students.*

Advanced students will collect, name and arrange specimens of animal life occurring in the vicinity of Chapel Hill.

SCHOOL OF BOTANY.

DR. SIMONDS.

In this School are included the following:

I. *A Course of Ten Lectures upon Physiological Botany*, delivered during the last half of the second session.

Students taking this course are required to analyze, preserve and describe at least twenty-five species of wild plants. These are to be the property of the University Museum.

Text-book: Gray's Lessons and Manual of Botany.

Books of Reference: Gray's Structural and Systematic Botany, Chapman's Southern Flora, Oliver's Elementary Botany, Sach's Text-book of Botany, Johnson's How Crops Grow, Johnson's How Crops Feed, Poreher's Resources of Southern Fields and Forests.

II. *An advanced course of instruction in Vegetable Physiology.*

This course can only be pursued by those who have completed the preceding.

LAW SCHOOL.

Until the election of a successor to JUDGE BATTLE, PRESIDENT BATTLE will take charge of the school.

This department contains two classes :

1. The INDEPENDENT CLASS, consisting of students who have no connection with any of the University classes, and are not subject to any of the ordinary University regulations.

2. The UNIVERSITY CLASS, consisting of such students of the University as are allowed by the Faculty, in addition to their regular duties, to pursue the study of Law.

The plan of studies comprises Blackstone's Commentaries, Williams or other standard work on Real Property, Williams on Executors, Stephens on Pleading, Chitty's Pleading, Adam's Doctrine of Equity, 1st Greenleaf on Evidence and the Code of Civil Procedure.

While particular attention is directed to preparation for obtaining license to practice law in the Courts of this State, it is endeavored to give the student a broad, liberal knowledge of the law.

A Moot Court for the discussion of Law questions and for instruction in the practice of the Courts, will be held by the Professor at such times as the students may desire it.

By courtesy of the Librarians of the University, and of the Dialectic and Philanthropic Societies, the Independent Students have access to their valuable libraries, amounting in the aggregate to near twenty thousand volumes, and by joining one of these Societies they can share in the great benefit derived from participation in their debates and other exercises. They have the opportunity too, on easy terms, if they so desire, to attend the lectures of the President of the University on Constitutional History and Constitutional and International Law, and such other Lectures as they may deem for their benefit.

To complete the course from the beginning will ordinarily require two years for the Independent Class, at the end of which the DEGREE OF

BACHELOR OF LAW will be conferred on such students as by their proficiency may be entitled to it. Those joining a class during the course, standing an approved examination on the books already read, or their equivalents, will be allowed to compete for this degree.

The Professor of Law is not subject to the ordinary University regulations, and receives no salary from the Trustees of the University. The sessions and vacations of this department are the same as those of the University, but the Professor will, when not absent from Chapel Hill, give instruction during the vacations to such members of either class as desire it, without any extra charge.

Students will be received at any time and for any periods. In such cases reasonable reduction of tuition fees will be made.

A Professor of Law will be elected before the next session begins.

For terms, &c, apply to President Battle.

MEDICAL SCHOOL.

THOMAS W. HARRIS, M. D., *Professor of Anatomy & Materia Medica.*
ALEXANDER F. REDD, *Professor of General & Analytical Chemistry.*
FREDERIC W. SIMONDS, PH. D., *Professor of Botany & Physiology.*

FOR THE FIRST YEAR, instruction will be given in Chemistry, Botany and Physiology, by the Professors in those departments.

In Anatomy and Materia Medica, by Dr. Harris.

FOR THE SECOND YEAR, Anatomy, Materia Medica and Practice of Medicine, by Dr. Harris.

Instruction will be given in part by Lectures, and students will be frequently examined on the subjects which they are studying.

Special attention will be given to *practical instruction* in *Anatomy*, by the dissection of human subjects, and by the use of models, of which Dr. Harris has a good supply made by the celebrated Dr. Auzoux, of Paris.

For those students who have a sufficient knowledge of Anatomy, there will be a course of instruction in the operations of Surgery, in

which they will have an opportunity of making the operation for themselves on the dead body.

At stated times, the poor of the community will be offered medical advice and treatment free of charge. By attending these consultations, students will have an opportunity of seeing disease and its treatment.

The Professor of Anatomy is not subject to the college regulations, and receives no salary from the Trustees. He is entitled to charge a fee of \$50.00 for each student pursuing the studies of his department, for the Collegiate year.

Those attending the lectures in Zoology, Physiology and Botany will pay a fee of \$15 00 per Collegiate year; and the same amount will be charged for the Chemical Course, students paying extra for the chemicals used by them in Laboratory work.

The sessions of this school will begin and end with those of the other departments of the University.

Text-books recommended for constant use or reference are, in

Anatomy : Gray, Allen, Cruveilhier.

Physiology : Flint, Dalton, Marshall, Bernard.

Materia Medica : Percira, Stille, Ringer, Bartholow.

Practice of Medicine : Flint, Fothergill, &c.

For information in regard to instruction in Chemistry, and Botany and Physiology, reference is made to preceding pages of this catalogue.

The University Medical School offers rare advantages to students of Medicine. Without such preliminary instruction, it will be impossible for them to make available the lectures of the Medical Colleges, whose diplomas are desirable, and they will have no time to devote to Laboratory work in those Institutions.

N. C. AGRICULTURAL EXPERIMENT STATION.

DIRECTOR:

ALBERT R. LEDOUX, A. M., PH. D.

ASSISTANTS:

W. MAGER, W. B. PHILLIPS, PH. B., J. C. TAYLOR, B. S.,
A. D. MICKLE.

The Experiment Station has now been in existence for three years. The people of the State are by this time familiar with its workings and appreciate the protection and assistance it has given them, as well as the information it has imparted.

The Board of Trustees and the Faculty of the University have done everything in their power to enable the Director to successfully prosecute whatever work the Board of Agriculture have ordered to be performed.

The Station occupies four rooms in Smith Hall; one large laboratory for general work, a balance room, an assay room, and a dark room for work with the polariscope. There are also two large store-rooms in an adjoining building.

It is fully equipped for work in every branch of Agricultural Chemistry, has a set of assay apparatus, with furnace, &c., for the examination of ores, &c., &c. Since its establishment there have been made nine hundred analyses, requiring three thousand quantitative determinations. There have been written five thousand letters upon subjects bearing upon the work.

The Reports of the Station are furnished to the students when desired, and they are always welcome when they wish to enquire into the methods employed in any branch of the work, or to examine the standard collections of seeds, marls, fertilizers, &c., &c.

The following circular concisely sets forth the advantages which the Experiment Station offers to all who will avail themselves of them:

1. Free analyses of all Chemicals used in Composting, provided the sender secures the samples according to printed instructions furnished by the Station, and prepays the express charges.
2. Free analyses of all Fertilizers legally on sale in the State, provided the samples are secured by an authorized agent of the Department of Agriculture, or after correspondence with the Director.
3. Free analyses of all Well Waters, articles of Food and Drugs, Disinfectants, &c., when the analyses are desired for Sanitary purposes, the permission of the Secretary of the State Board of Health is secured, and the express charges on the sample are prepaid.

4. Free analyses and examination in all cases of probable Poisoning when the suspected article is sent according to printed instruction, and by order of Coroners and County Superintendents of Health.

5. Free analyses of Marls when desired by farmers.

6. Free analyses of Mineral Waters when sent with the permission of the State Geologist, and the express charges are prepaid.

7. Free identification and qualitative analyses of all Minerals and Ores. For a complete or quantitative analysis the permission of the State Geologist must be obtained.

8. Free tests of the germinating or sprouting capacity of all Seeds of grains, grasses, flowers or vegetables, with a report as to their purity, and identification of any weed or other foreign seeds present. Seed samples are best sent by mail.

9. Free identification of useful or injurious Grasses.

10. Free identification of Insects injurious to Vegetation, and reports upon the best means of destroying them.

11. Correspondence will be promptly attended to upon all subjects directly or indirectly related to Agriculture.

12. Printed reports will be mailed free of charge upon request upon the following subjects: Directions for composting; formulas for different soils and crops; analyses of chemicals and fertilizers legally on sale in North Carolina; directions for utilizing bones; for making vinegar; for growing sugar-beet; upon drinking waters; the value of pine straw; the history, use and value of the cow-pea; the composition of marls and soils; the extraction of sassafras oil; the history and use of artificial manures, &c., &c.

The Experiment Station having been fully equipped by order of the Board of Agriculture, for the prosecution of the various branches of work above mentioned, our farmers are urgently requested to avail themselves of these advantages. Address all letters to

THE N. C. AGRICULTURAL EXPERIMENT STATION,
CHAPEL HILL, N. C.

HONORARY DEGREES CONFERRED, JUNE 5, 1879.

DOCTORS OF LAWS (LL. D.).

HON. THOS. S. ASHE, Wadesboro.
HON. JOHN H. DILLARD, Greensboro.
HON. SAMUEL F. PHILLIPS, Washington City.

DOCTORS OF DIVINITY (D. D.).

REV. F. H. KERFOOT, Baltimore.
REV. J. T. PICKETT, Mississippi.
REV. DAVID D. SANDERSON, Alabama.
REV. ARISTIDES S. SMITH, North Carolina.

DOCTOR OF PHILOSOPHY (PH. D.).

PROF. W. C. KERR, Raleigh, N. C.

MASTERS OF ARTS (A. M.).

F. H. BUSBEE, Raleigh, N. C.

JOHN WEBB, Culleoka, Tenn.

DEGREES CONFERRED IN COURSE.

BACHELORS OF ARTS.

BATTLE, KEMP PLUMMER, JR. Chapel Hill.

HENEERSON, RICHARD BULLOCK Warrenton.

HILL, WILLIAM LANIER Faison.

MANNING, JAMES SMITH Pittsboro.

MANNING, JOHN MONROE Pittsboro.

PEELE, WILLIAM JOSEPH Jackson.

SPRINGS, ALVA CONNELL Fort Mill, S. C.

STRANGE, ROBERT Wilmington.

WINSTON, FRANCIS DONNELL Windsor.

WINSTON, ROBERT WATSON Windsor.

BACHELOR OF PHILOSOPHY.

TAYLOR, ISAAC MONTROSE Chapel Hill.

BACHELOR OF SCIENCE.

ROBBINS, GASTON AHI Lexington.

 RECIPIENTS OF MEDALS, 1878-'79.

GREEK MEDALS.

McIVER, CHARLES DUNCAN Chatham Co.

McIVER, JOHN ALTON Moore Co.

CHEMISTRY MEDAL.

RANSOM, ROBERT Northampton.

LATIN MEDAL.

PATTERSON, LOUIS MOREHEAD, Salem.

BINGHAM MEDAL.

GRANDY, ALBERT SYDNEY Oxford.

GERMAN PRIZE.

PHILLIPS, ALEXANDER LACY Chapel Hill.

MANGUM MEDAL.

WINSTON, ROBERT WATSON Windsor.

SCHOLARSHIPS.

THE B. F. MOORE SCHOLARSHIPS.

The late B. F. Moore, of Raleigh, bequeathed \$5,000 in U. S. Bonds, the interest of which is to be devoted to paying the tuition of students.

THE DEEMS FUND.

This fund was established by Rev. Charles F. Deems, D. D., LL. D., as a memorial of his son, Lieutenant Theodore D. Deems. It now amounts to three hundred dollars. The fund is to be loaned to needy students.

DONATIONS TO THE UNIVERSITY LIBRARY.

- By Mrs. Charles Pickering, Boston : Chronological History of Plants, by Charles Pickering. 1 vol.
- By War Department : Annual Report of Chief of Engineers ; History of War Department ; Report of Mississippi River ; Physics and Hydraulics of Mississippi River. 5 vols.
- By Ginn & Heath. Publishers, Boston : Wentworth's Elements of Geometry ; Whitney's Essentials of English Grammar ; Hudson's School Shakspeare ; Our World or First Lessons in Geography, 1st and 2nd series ; The Living Word ; Odes of Horace in English Verse ; Specimens of Teacher's Improved Class-Book ; Allen & Greenough's Latin Grammar ; Leighton's Latin Lessons ; Shakspeare's Hamlet, by Hudson. 12 vols.
- By the State of South Carolina : Journal of the General Assembly of S. C., for 1878 ; Reports and Resolutions of General Assembly of S. C. for 1878 ; Acts of South Carolina ; Acts of Investigating Committee of Public Funds and Election of Hon. J. J. Patterson. 5 vols.
- By The Robert Tronpe Paine Bequest to Harvard College. 1 vol.
- By the Author : Ralston on the Apocalypse. 1 vol.

- By Department of State : Message and Documents for 1878 and 1879 ; Survey of the Northern Boundary of the U. S. 2 vols.
- By Hon. J. J. Davis : Smithsonian Report for 1877 ; Messages and Documents of Navy Department, for 1878 and 1879. 2 vols.
- By Hon. A. S. Merrimon : Diseases of Swine and other Animals ; Messages and Documents, 1878 and 1879. 2 vols ; International Monetary Conference.
- By U. S. Naval Observatory : Catalogue of 1,963 Southern Stars ; American Ephemeris, Mural Zones, 1846 to 1849 ; Longitude of St. Louis ; Equatorial Fundamental Stars ; Transit Zones, 1846 to 1849 ; Reduction Table for Transit Observations ; Uranian and Neptunian Systems ; Longitude of Detroit, Carlin and Austin ; Longitude of Ogden ; Corrections to Hawsen's Tables of the Moon, 11 vols. ; North Polar Expedition.
- By P. O. Department : Postal Laws and Regulations for 1879, 1 vol.
- By Bureau of Education : Circulars of Information, 1 vol.
- By Col. L. L. Polk, Commissioner of Agriculture : Hand Book of North Carolina, 1 vol.
- By Department of the Interior : The Tenth Annual Report of the U. S. Geological and Geographical Survey of the Territories, by Hayden ; Gilbert's Report on the Geology of the Henry Mountains ; Powell's Report on Lands of the Arid Regions, 5 vols. ; Maps of the Northern Boundary of U. S. ; Geological and Geographical Atlas of Colorado, &c. ; Centennial Album of Agricultural Statistics ; Birds of the Colorado Valley ; Ethnology, &c., of the Hidatsa.
- By War Department : Valuable Series of Military Maps.
- By President Battle : 59 volumes of the Congressional Globe.
- By Auditor Love : Copies of his Reports for 1878 and 1879.
- By State Mineralogist of Nevada : His Biennial Report.
- By the Publishers : New York Sunday World ; American Antiquarian, 1 No. ; Remsen's American Chemical Journal for April ; American Missionary Monthly ; Farmer's Review, Chicago ; The Land and Home, New York ; The Norfolk Virginian ; The Science Observer, Boston ; The Musical Record, Boston, Oliver Ditson & Co. ; The Lutheran, New Market, Va. ; The International Review, A. S. Barnes & Co. ; Church's Musical Visitor ; Goldsboro Messenger.
- By Jno. N. Genin : Writings of Thos. H. Genin.
- By Smithsonian Institute : Contributions to Knowledge.
- By Republic of Mexico : Boletin del Ministerio de Fomento.

DONATIONS TO THE PHILANTHROPIC SOCIETY, 1879-'80.

- By Dialectic Society: 100 copies of Maj. Jos. A. Englehard's speech.
- By Hon. J. J. Davis: 5 volumes of Congressional Debates; Message and Documents, 1878-'79; Smithsonian Report, 1877; Congressional Record, 3rd Session, 45th Congress, 4 volumes.
- By Hon. T. S. Ashe: Public Documents.
- By C. D. Grandy: How to Get Strong.
- By Rev. J. B. Cheshire, Jr.: 6 volumes of N. Y. Review.
- By R. W. Fuller, Lumberton, N. C.: Bennett's Chronology of North Carolina.
- By W. Gunton, Washington, D. C.: Sketch of the life of Dr. Wm. Gunton.
- By R. Ransom, of Northampton: Erin Go Bragh.
- By D. Gilliam, Raleigh, N. C.: Kate Weathers; Myrtle Lawn.
- By A. S. Grandy, Oxford, N. C.: Count of Monte Christo.
- OIL PORTRAIT OF HON. THOS. C. MANNING, Chief Justice of Louisiana, presented by request of the Society.

DONATIONS TO THE DIALECTIC SOCIETY.

- By Hon. W. L. Steele, M. C.: 15 copies of his speech delivered in Congress April 19, 1879; Report of the Chief of the Bureau of Statistics on Commerce and Navigation; 4 volumes of Congressional Records; Report of Silver Committee, 1 volume.
- By Patent Office Department: Official Gazette; a general Index of the Agricultural Reports of the Patent Office; Annual Report of the Commissioner of Patents for the year 1878.
- By Hon. J. J. Davis, M. C.: 4 volumes Congressional Record; 3 volumes Congressional Record.
- By Col. L. L. Polk: Hand book of North Carolina, 1 volume.
- By Walter Clark: A Turkish newspaper printed at Salonica, the ancient Thessalonica.
- By W. H. Phelps, History of the South Carolina College.
- By Capt. Jas. A. Graham: Russian newspapers.

NORMAL SCHOOL.

The School was opened at Chapel Hill, N. C., June 17th, and closed July 24th, 1879, and was held in the University buildings.

THE FACULTY, OFFICERS AND INSTRUCTORS.

Hon. KEMP P. BATTLE, LL. D., President.

Prof. JOHN J. LADD, Superintendent, and Lecturer on Methods, School Management, Discipline, &c.

ALEXANDER McIVER, Professor of Mathematics, English Grammar and Physiology.

JULIUS L. TOMLINSON, Professor of English Grammar and Geography.

J. ALLEN HOLT, Professor of Drawing and Penmanship.

WILLIAM B. PHILLIPS, Professor of Chemistry.

M. C. S. NOBLE, Professor of Latin and Algebra.

JOHN E. DUGGER, Teacher of Reading and Phonetics.

WILLIAM G. GAITHER, Teacher of Grammar and Geography.

BENJAMIN W. HATCHER, Teacher of Arithmetic and Reading.

WILBUR F. TILLET, Professor of English Philology,

N. C. ENGLISH, Teacher of Grammar and Geography.

FRANKLIN S. BLAIR, Teacher of Arithmetic and Grammar.

WILLIAM A. BRIDGES, Teacher of Geography and Reading.

JOHN W. THAXTON, Teacher of Arithmetic and Grammar.

Miss EMILY M. COE, Teacher of Kindergarten System.

Misses MARSHALL, LAWRENCE and WILKINSON, Teachers of Kalisthenics.

Messrs. EUGENE H. WILSON and C. L. WILSON, Professors of Vocal Music.

Captain JOHN E. DUGGER, Secretary.

The following prominent gentlemen delivered

LECTURES AND ADDRESSES

before the whole School, in the College Chapel :

Prof. JED. HOTCHKISS, eight lectures on Geography, one lecture on Arithmetic, and one on Gen. (Stonewall) Jackson's Valley Campaign.

Prof. A. W. MANGUM, one address: "The best Lights are those that Shine from Above," and one lecture on Elocution.

Rev. N. B. COBB: "How shall we Develop North Carolina?"

- Hon. J. C. SCARBOROUGH: Public School System of North Carolina.
Prof. J. H. HORNER: Language as the Instrument of Thought.
Prof. W. H. PEGRAM: Nostrorum, Nostrarum, Nostrorum.
Prof. W. C. DOUB: Some Essentials for Success in Elementary Instruction.
Miss E. M. COE: The Teacher's Work; its Rewards.
Dr. S. S. SATCHWELL: School Hygiene.
Maj. ROBERT BINGHAM: A Method of Teaching English Composition.
President KEMP P. BATTLE: An address, "Education for Farmers;"
and four Lectures on Palestine and Jewish History.
Dr. F. W. SIMONDS: Five lectures on Natural History.
Prof. WALTER H. PAGE: How shall we Get to be a Reading People?
Prof. J. L. TOMLINSON: California.
Dr. THOMAS W. HARRIS: The Vocal Organs.
Gen. WILLIAM R. COX: Duty of Teachers to the State.
Rev. A. C. DIXON: Mental Gunnery.
Capt. JOHN E. DUGGER: Graded Schools.
Prof. W. G. GAITHER: Relation of Teacher to Church and State.
Prof. ALEX. McIVER: Aims and Methods of Instruction.
Prof. A. F. REDD: Poisons and their Detection.
Prof. W. B. PHILLIPS: Water.

STATISTICS.

Whole number of pupils enrolled	290
Average daily attendance.....	207
Number of Counties represented.....	54

THE NEXT NORMAL SCHOOL

will begin June 24 and close July 29. For information address President Battle, Chapel Hill, N. C.

FORM OF BEQUEST OR DONATION TO THE UNIVERSITY.

I give (or bequeath) to the Trustees of the University of North Carolina, to be used exclusively for the following purpose:
.....
.....

THE UNIVERSITY desires to acknowledge with thanks the contribution to the Schools of Medicine and Pharmacy of many valuable medicinal and pharmaceutical preparations by Dr. Henry T. Bahnson, M. D., Salem, N. C., and Messrs. Hance Bro's & White, Philadelphia.

ERRATA.

Page 17, strike out "responds" in 5th line.

Page 23, in 4th line (line next to "First Year") insert "Geometry" between "Algebra" and "including," and strike out "Algebra" in 6th line.

Page 53, line 5, strike out "nearly 1,000."

